

*Church  
Construction*

WITH **RILCO** LAMINATED WOOD



# *Impressive Beauty*

IS INEXPENSIVE WITH

**RILCO**

GLUED LAMINATED WOOD

ARCHES AND BEAMS

#### LEFT

Rilco arches establish a feeling of solemn reverence coupled with warm beauty in the Trinity Evangelical Lutheran Church, St. Paul. Architects: Max and Gerald Buetow.

#### COVER PHOTOGRAPH

"We have received so many complimentary words regarding design, simplicity, etc., that it is difficult to enumerate them all." Father W. J. Gibbs can be content that the Church of Saint Therese, St. Paul, will continue to please his congregation down through the years. Architects: Bergstedt & Hirsch.

**DESCRIPTION** . . . Rilco arches, beams and trusses are laminated from kiln-dried West Coast Douglas Fir, bonded with structural glues stronger than the wood itself. Modern Rilco production facilities combine with reliable engineering to produce from wood, the oldest building material known to man, a modern structural product of strength and beauty. Rilco roof supports are engineered and custom manufactured to meet your requirements.

**APPEARANCE** . . . Because wood combines beauty with religious symbolism, warm friendliness with aspiration, it has always been a preferred church material. Now wood . . . made stronger, more adaptable by Rilco . . . offers exciting design possibilities along with wood's traditional appearance and economy. Rilco structural members may be left natural, stained, blonder or painted. They eliminate the expense of hiding framing, adding false ceilings, encasing members, or other concealment. No other material compares in architectural and decorative possibilities.

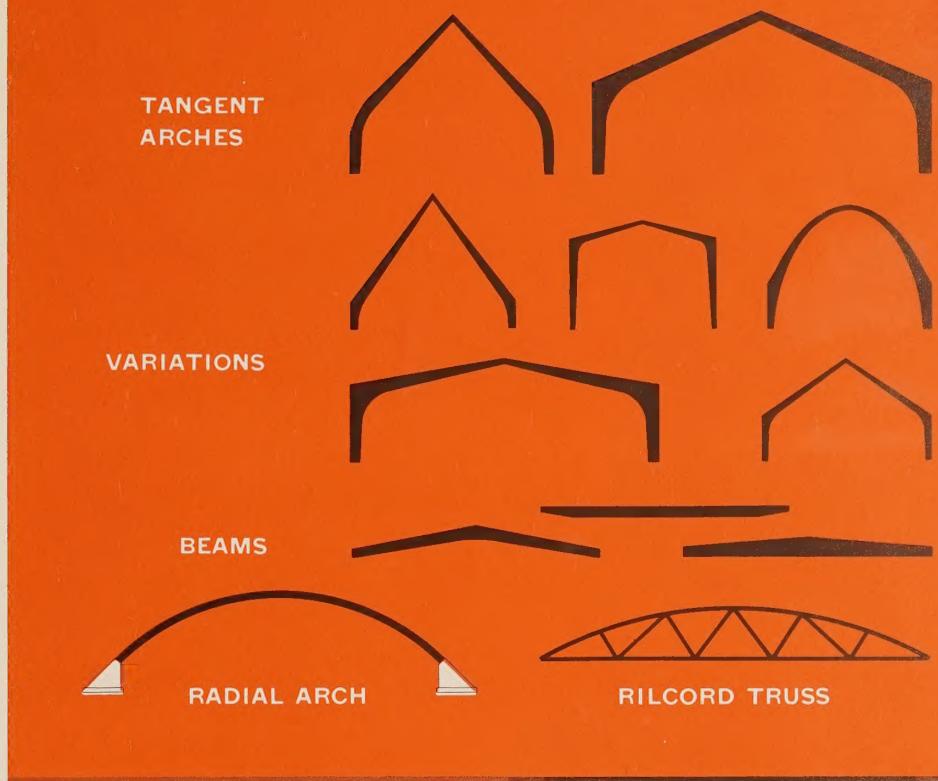
**ARCHITECTURAL** . . . Rilco laminated wood roof supports offer full freedom of expression in structural form and appearance. They blend with any church style, any church concept, in either traditional or contemporary architecture.

**ECONOMY** . . . Timber construction has historically been recognized as the most economical type of construction. Laminated wood makes possible efficient forms that can be shaped to conform to strength requirements. You're bound to have economy when structural members furnish their own beautiful interior finish. Further economies result from the fast, labor-saving construction with Rilco laminated members. They arrive at the job-site shaped, cut to length, drilled and fabricated for the connection hardware furnished. Costly on-the-job cutting and fitting are eliminated.

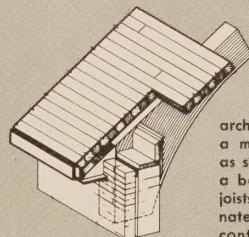
**FIRE SAFETY** . . . Based on standard fire temperatures of the American Society for Testing Materials, temperature of 1100°F. is reached within six minutes. At this temperature, certain structural metals have less than one-half of their normal tensile strength, and at 1700°F. they will not support the dead weight of the structure. Laminated wood structural members, being of relatively large cross-section, lose their strength only in proportion to the degree of charring under fire temperatures. Penetration tests on wood exposed to standard fire temperatures show that in general, wood chars and burns at the rate of about one inch in depth in thirty-three minutes. This ability not to quickly lose strength under high temperatures allows time to evacuate the building, and for firemen to extinguish the fire and protect the structure.

#### Consulting Service

Rilco Service Engineers will gladly consult with you to advise and recommend the type of member best suited to your requirements. They will show you how Rilco laminated wood members can help you build a larger, more attractive structure . . . yet stay within your budget.

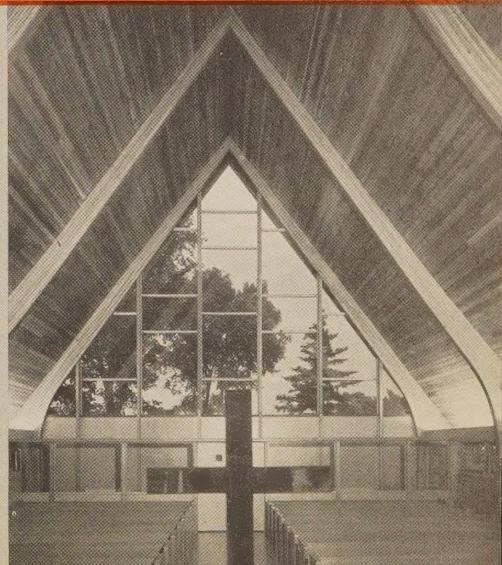


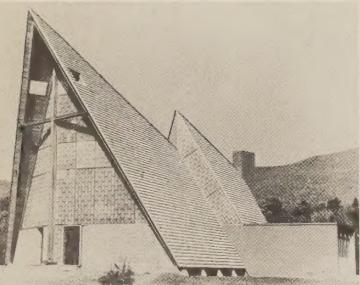
RILCO  
DECK



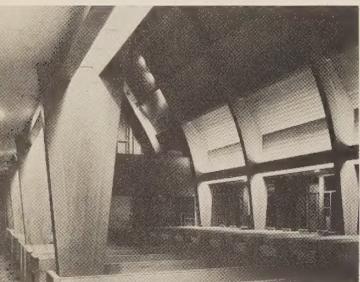
Rilco Deck offers rich, colorful warmth so important to ecclesiastical buildings. Of solid Spruce or Western Red Cedar, it spans across the arches or beams performing a multi-function by serving as sheathing, insulation and a beautiful ceiling. Regular joists or purlins are eliminated. Write for brochure containing specifications, allowable loads, heat transmission coefficients and other data on Rilco Deck.

RIGHT: Rilco Deck spans the 15' spacing of the arches to provide a beautiful ceiling finish in the Edgcumbe Presbyterian Church, St. Paul, Minn.

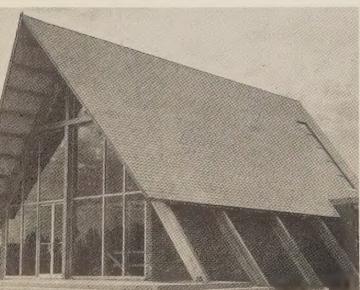




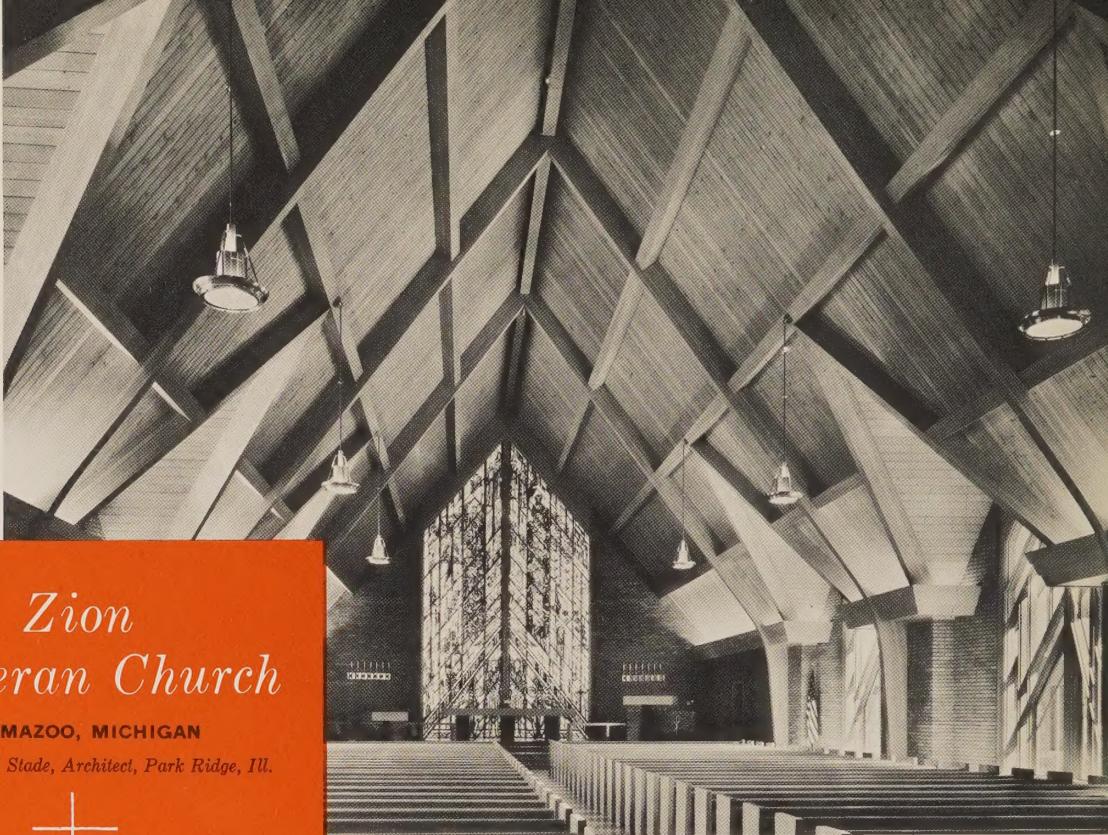
Rilco laminated wood frames provided construction and design economies for St. Gregory's Episcopal Church, Woodstock, N. Y. Architect: Wm. H. Van Benschoten, A.I.A.



Rilco arches and purlins express St. Lukes Lutheran Church, Manhattan, Kansas in an honest and interesting manner and make the structural framing an integral part of the character of the building. Architects: Ramey & Himes.



Cross of Christ Lutheran Church, St. Louis Park, Minnesota. Center height is 26' 5 $\frac{1}{4}$ ". Section size of Rilco laminated frame is 5 $\frac{1}{8}$ " x 16 $\frac{1}{4}$ ". Architect: Paul E. Crosier, Mpls.



## Zion Lutheran Church

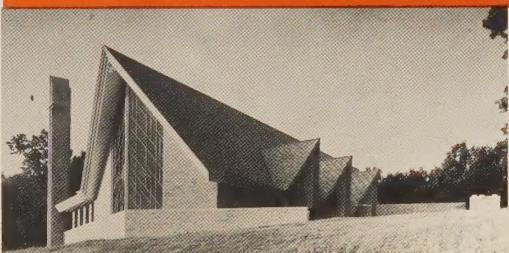
KALAMAZOO, MICHIGAN

*Charles Edward Stade, Architect, Park Ridge, Ill.*



"We were completely happy with the cost, the erection, the appearance and the grade of the Rilco laminated members in this church," writes the architect.

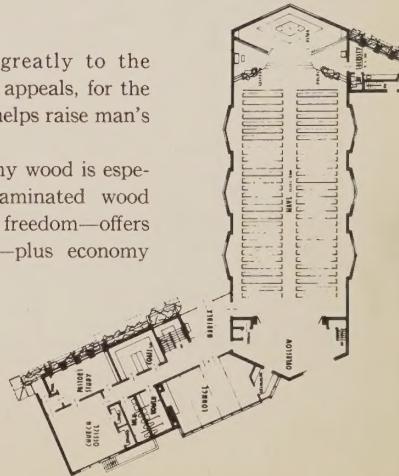
As the church is situated on a high knoll, it is built on two levels. There is no conscious feeling of being in a basement when one is on the lower level.



**RILCO ARCHES** contributed greatly to the church's functional and aesthetic appeals, for the warmth and symbolism of wood helps raise man's thoughts from himself upward.

And there are other reasons why wood is especially suitable for churches. Laminated wood allows virtually complete design freedom—offers warmth, friendliness, reverence—plus economy and all-important fire safety.

Rilco arches are 43' 6" in span with a 38' 7 $\frac{3}{4}$ " center height. Purlins are 9" x 13" and dormer valley beams 7" x 13" in section.

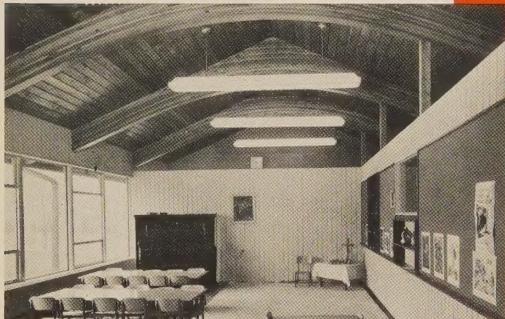


# Christ Methodist Church

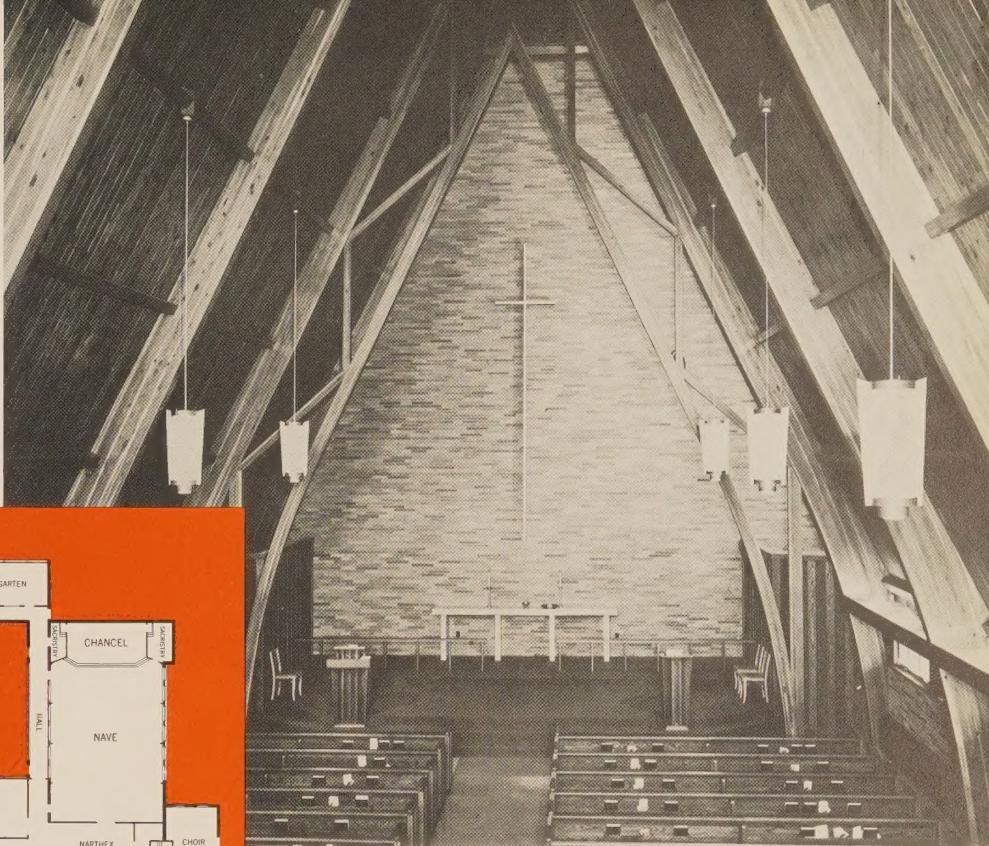
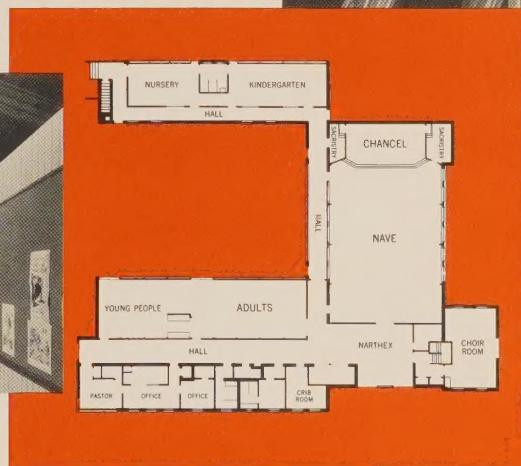
FORT WAYNE, INDIANA

Architects: Martindale & Dahlgren, Fort Wayne, Ind.

IN THE ARCHITECTS' own words Rilco laminated wood arches helped "create a lofty sanctuary without using artificial materials. The arches complemented the other materials, becoming an important part of the overall design. The congregation is very pleased with the final results—and so are we."



Rilco pitched beams and deck establish a warm, friendly atmosphere to the church kindergarten room.



Arches are 40' in span with a 49' 2½" center height. The structural section is 7½" x 22¾". Note the interesting tracer arch used to separate the chancel from the nave.



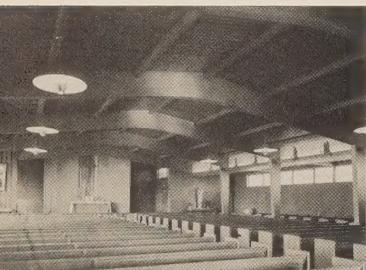
LEFT, The spacious open feeling of All Saints Episcopal Church, Portland, Ore. is enhanced by graceful Rilco arches leading to the skylight high at the ridge. Architect: Stuart B. Mockford.

CENTER, Cedar Hill Baptist Church, Cleveland Heights, Ohio. Rilco arches of 7½" x 22' ¾" section are 54' 2" in span. Rilco Deck of Western Red Cedar. Architect: Dalton, Dalton & Assoc.

RIGHT, Decorative crownwork and gothic-shaped arches enhance the traditional design of St. John's Episcopal Church, Endicott, N. Y.



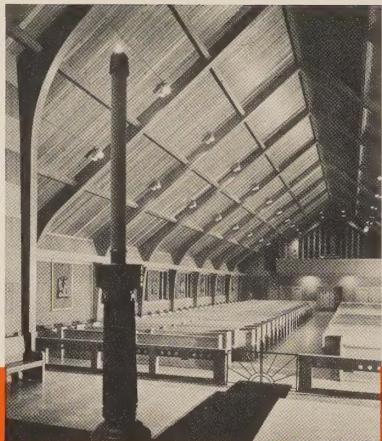
Rilco beams 11" x 34 $\frac{1}{8}$ " x 77' provided a quickly erected and inexpensive structural system that serves as its own decoration in the Divine Redeemer Church School, Colorado Springs. Archts: Toll & Milan.



Rilco pitched beams, columns and purlins help establish a feeling of quiet reverence in St. Basil the Great Catholic Church, East Detroit, Mich. Archt: R. L. Svoboda.



St. Patricks Catholic Church,  
Hinckley, Minnesota. Rilco arches  
are 34' 8" in span with a center  
height of 29' 1 1/4" and spaced 13' 9" o.c.  
Archts: Maguolo & Quick.



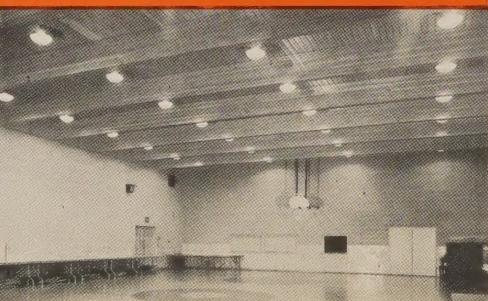
## *Church of St. Pius X*

## **WHITE BEAR LAKE, MINNESOTA**

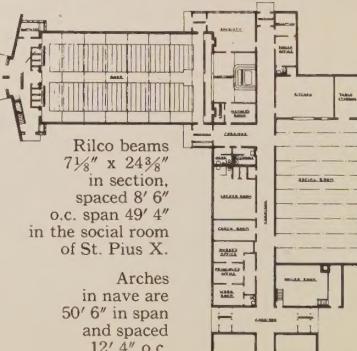
*Eugene V. Schaefer & Associates, Architects*



"Many people comment  
on the beauty of our church."

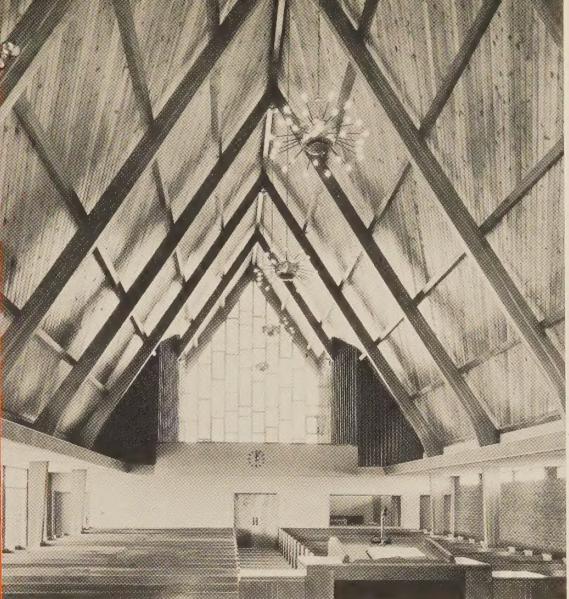


"WE FEEL the real essence of beauty rests in simplicity of design—and this we achieved with the Rilco laminated members. We were interested first of all in their aesthetic appeal . . . we were pleased with their economy and ease and speed of erection." Like Fr. A. R. Filbin, pastor of this church, you'll find that Rilco arches offer the warm richness of wood plus savings in time and money.





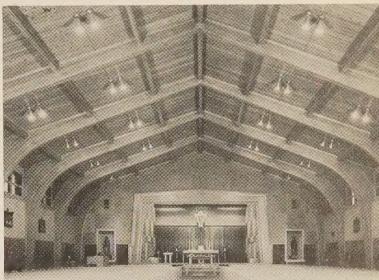
Immanuel Lutheran Church, Lawrence, Kansas of contemporary design. Rilco arches of 7" x 18 $\frac{3}{4}$ " section and 26' 3" span soar to a center height of 32' 4" at ridge. Architects: Ramey and Himes, Wichita.



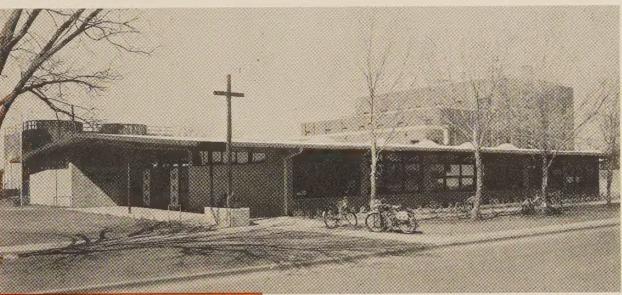
Seventh Day Adventist Church, Hawthorne, California.  
The roof purlins are superimposed on twelve  
Rilco arches. Span is 48 feet.  
Architect: A. M. Richards & Assoc.



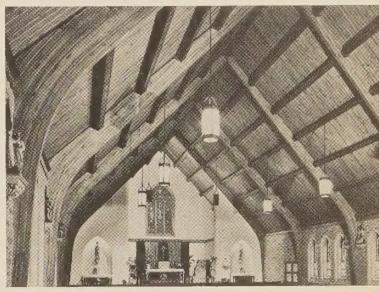
St. Daniel the Prophet Catholic Church, Ouray, Colorado. Rilco glued laminated wood arches are 42' 0" in span with a center height of 23' 5 $\frac{1}{8}$ " and spaced 16' o.c.



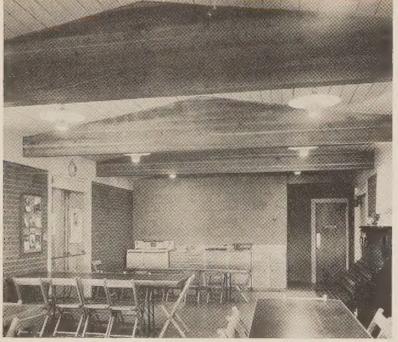
St. Richard's School, Richfield, Minnesota constructed with Rilco arches 52' 5 $\frac{1}{2}$ " in span and spaced 12' 1 $\frac{1}{2}$ " o.c. Architects: Eugene V. Schaefer & Associates, St. Paul, Minn.



**RILCO** laminated wood beams not only helped keep construction costs low, but speeded construction of the St. Joseph Parochial School, McPherson, Kansas. "Beams were raised and bolted in place in one day," reports architect Robert Marr. And Rilco members "give such a warm and cheerful feeling" inside the finished school. Rilco Deck of Western Red Cedar spans the 5 $\frac{1}{4}$ " x 17 $\frac{1}{8}$ " x 40' laminated beams spaced 14' o.c.

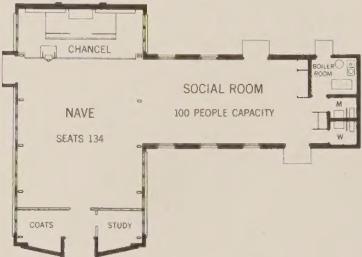


"I am very pleased with the Rilco laminated arches," writes Fr. Joseph O'Gallagher of Holy Trinity Church, Morrisville, Pa. In this church, the Rilco arches saved 5 months' construction time. Architects: Gleeson & Mulrooney, Philadelphia.



Perry Highway  
Lutheran Church  
WEXFORD, PENN.

"WE ARE PROUD of this church and feel the price was reasonable," reports architect Lawrence Wolfe. Rilco arches 25' 10" with a center height of 25' 6½" are spaced 9' 6" o.c. Tapered beams in social room are 23' 8" in span. Folding doors between social room and nave may be opened for additional temporary seating.



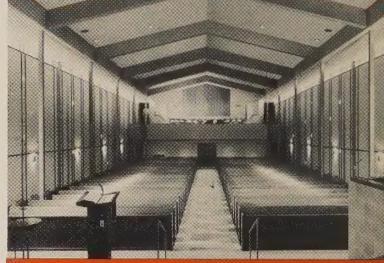
### Temple of Aaron ST. PAUL, MINN.

Architect:  
Percival Goodman,  
New York City

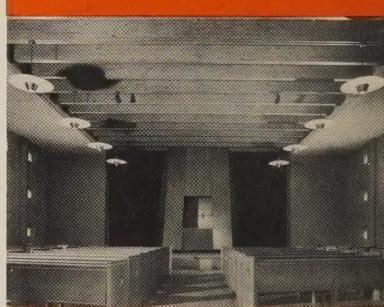
NO MATTER what design you are planning, modern or traditional, Rilco Arches, Beams and Deck will faithfully portray the desired effect at a saving—and add the warmth and natural beauty which only wood offers.



St. Ann's Catholic Church,  
Tucumcari, New Mexico. Rilco arches  
44' 7" in span of 5½" x 18¾"  
section size. Architect:  
Burwinkle & Milner, Albuquerque.



First Methodist Church, Hawthorne,  
California constructed with Rilco  
pitched beams 7½" x 30½" x 46' 0" o.c.



Synagogue and Community Building,  
Waterloo, Iowa. Rilco beams are  
46' 3" in span with a 5½" x 16¾"  
section size. Architects:  
Thorson & Thorson.



### RILCO LAMINATED PRODUCTS, INC.

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